

Future Ready your SAP Data Management with SAP BTP

Enabling an end-to-end data fabric to drive business outcomes

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Organizations face siloed and disconnected data that lacks business context.



Application Data with
Business Context **SAP**

Data Lake

Turn Challenges into Opportunities



DATA EXPLOSION

Volume | Sources | Complexity



MOVE TO CLOUD

Flexibility | Scalability | Elasticity



DELIVER INTELLIGENCE

Integrated | Secure | Simple

Take advantage of hybrid or cloud scenarios, leverage intelligent technologies, and consolidate data sources to derive valuable insights with efficiency.

SAP's Unified Data and Analytics Gives Data Purpose



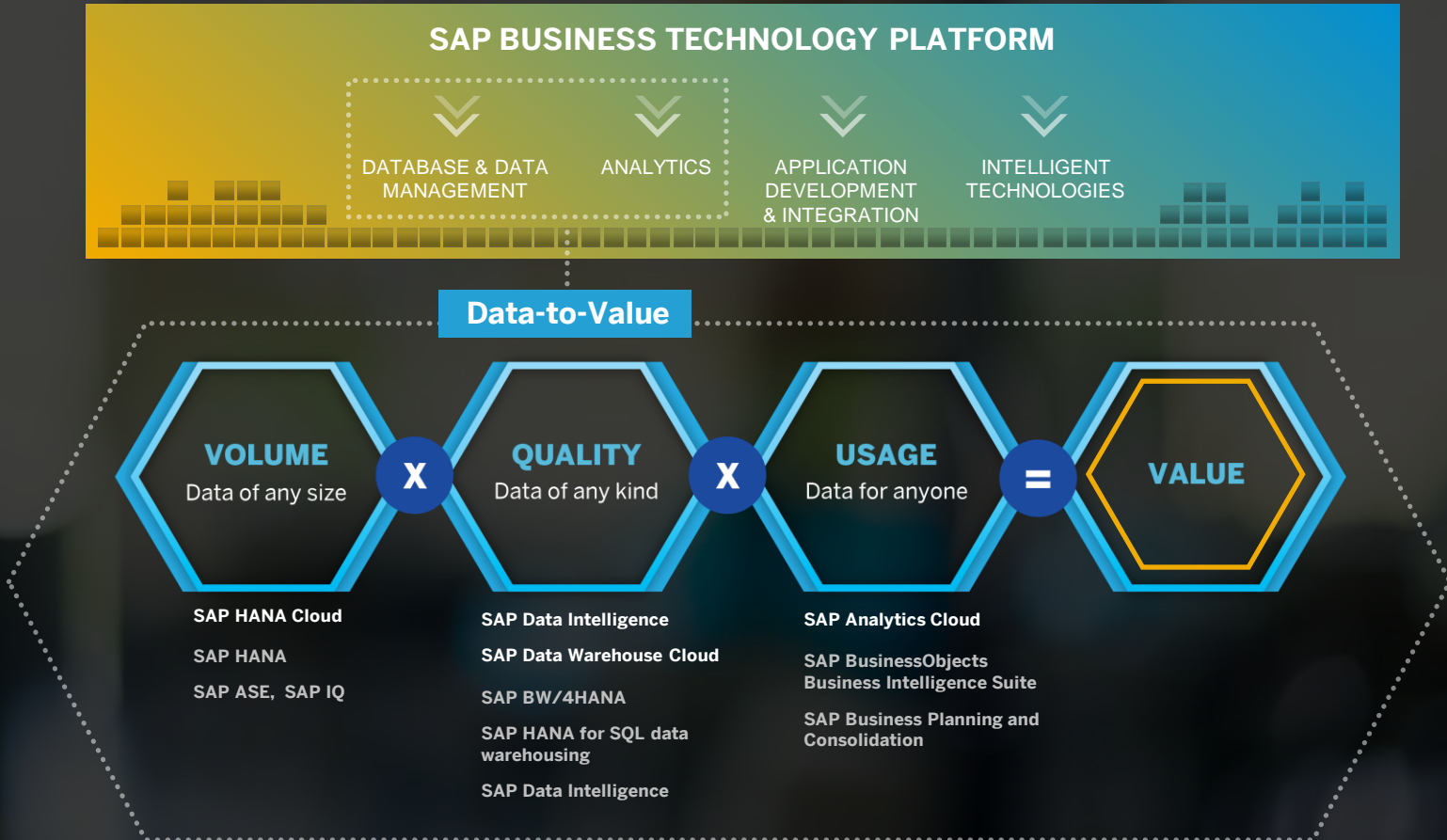
The solutions comprising SAP's Unified Data and Analytics covers the entire data journey, helping transform all the data you have into the answers you need.

Volume: SAP HANA Cloud is a powerful cloud-native database as a service.

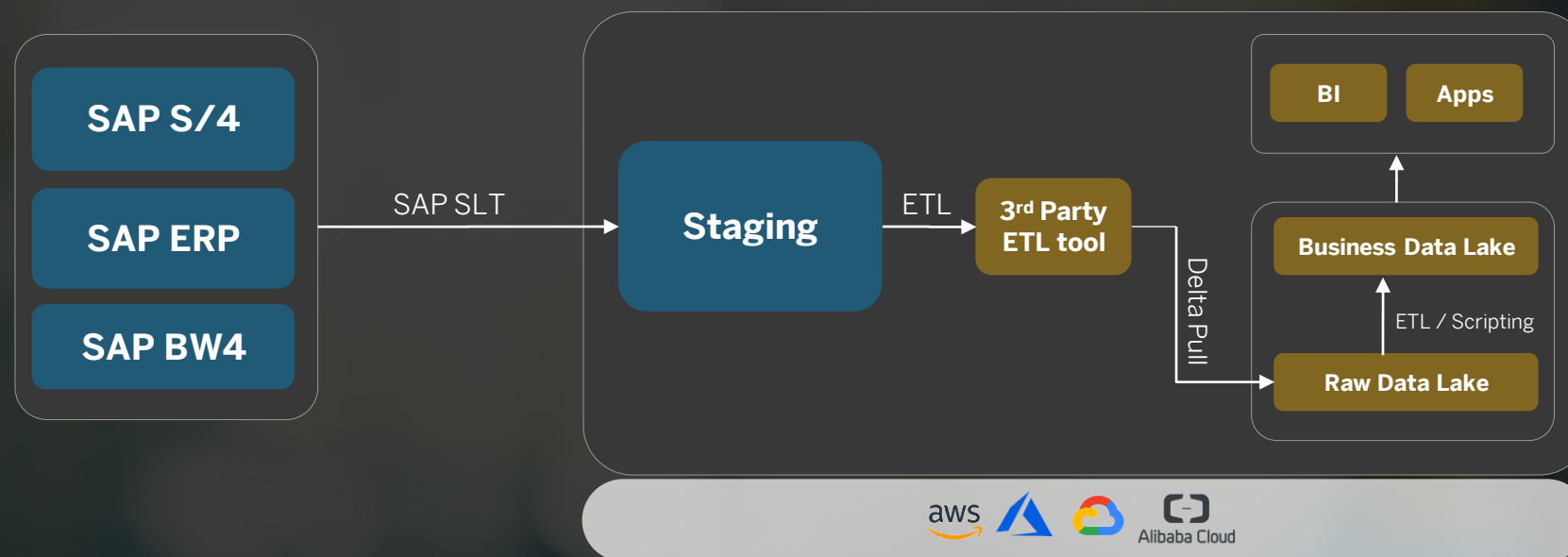
Quality: SAP Data Warehouse Cloud is an out-of-the-box enterprise-ready data warehousing solution.

SAP Data Intelligence Cloud connects, orchestrates, and transforms disjointed data assets.

Usage: SAP Analytics Cloud is a single cloud solution for business intelligence, planning and predictive.



Typical challenges of SAP-Hyperscaler Data Integration Scenarios



Data duplication and reconciliation



Additional maintenance for data models and integration structures



Real-time data availability for analytics



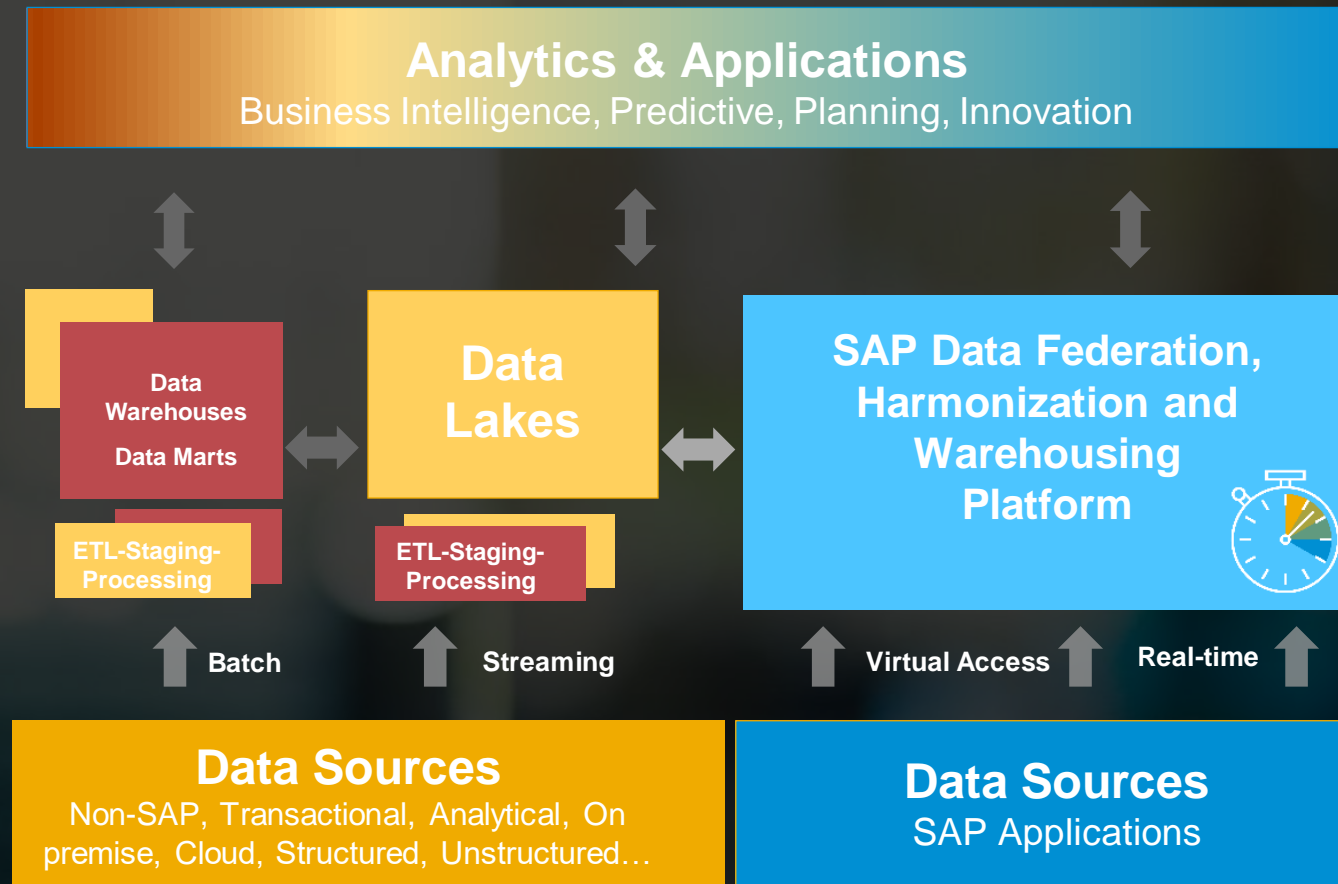
Security of business critical data



Governing Business Semantics for master, transactional and metadata

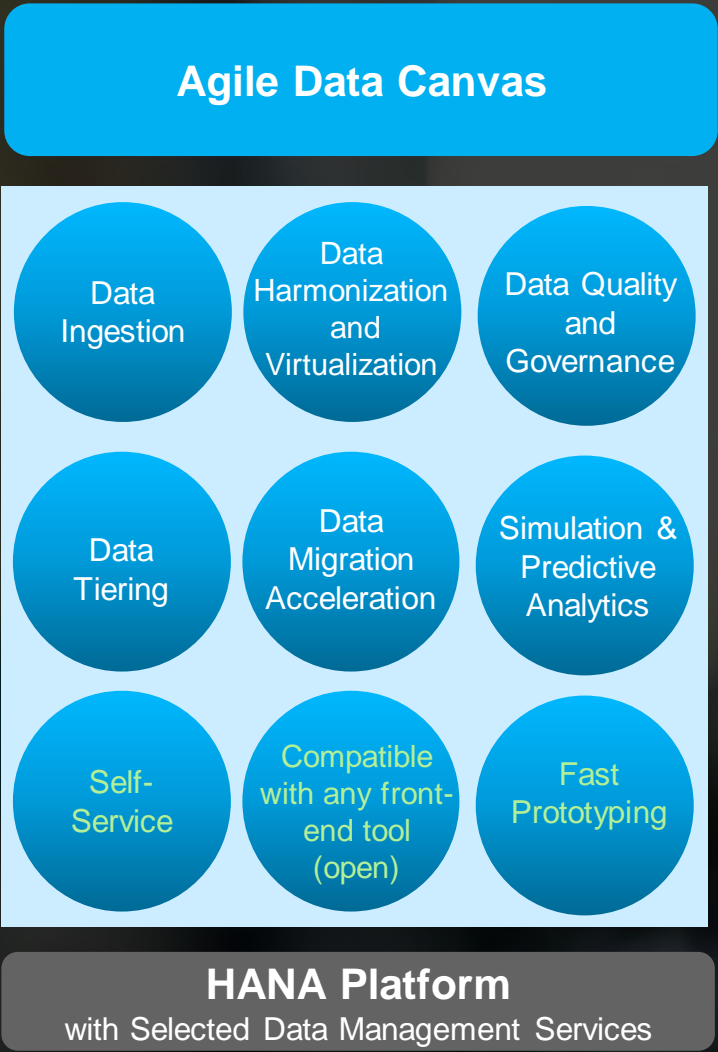
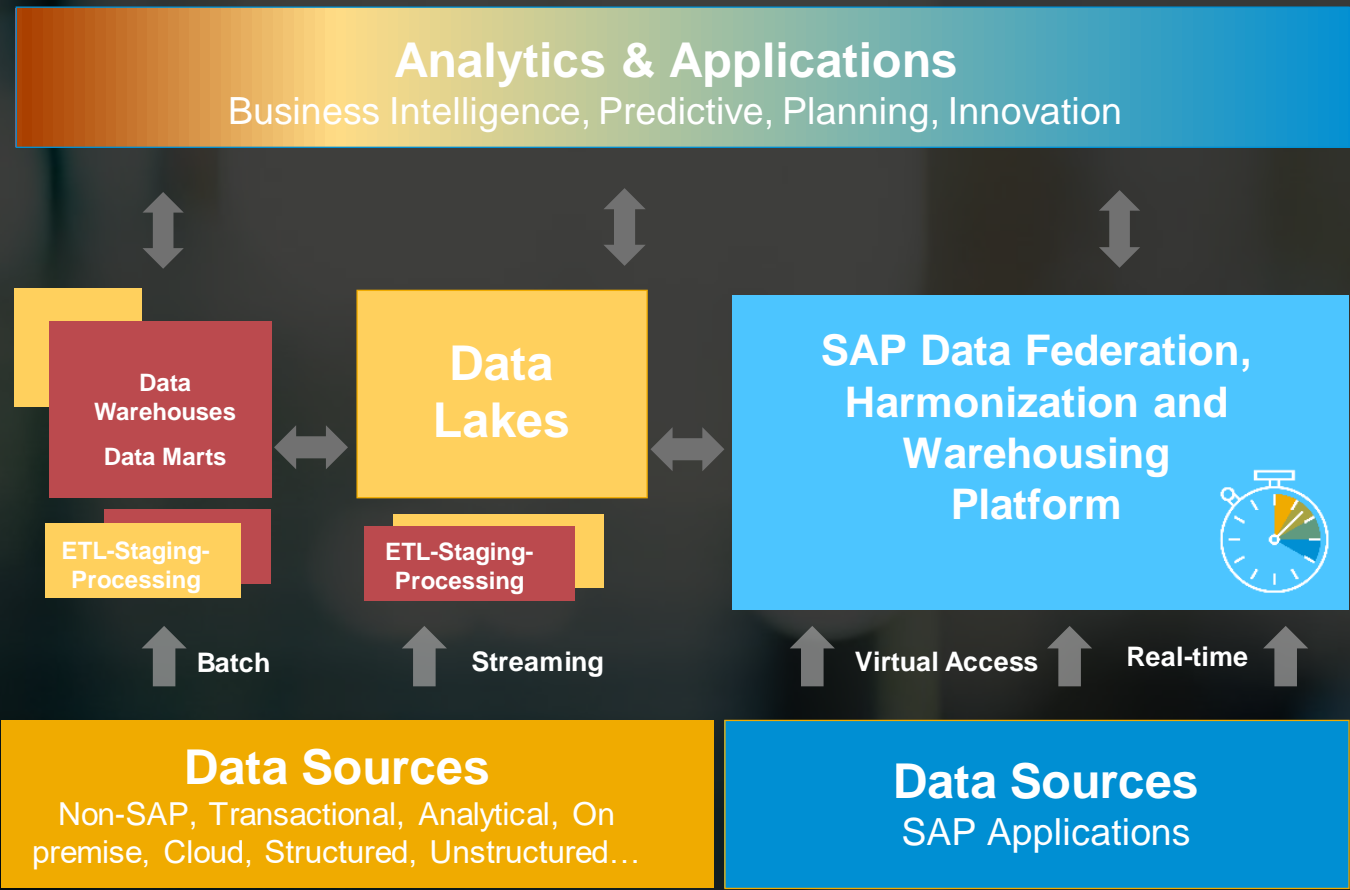
Solving Data Latency

More agility in your data and analytics landscape



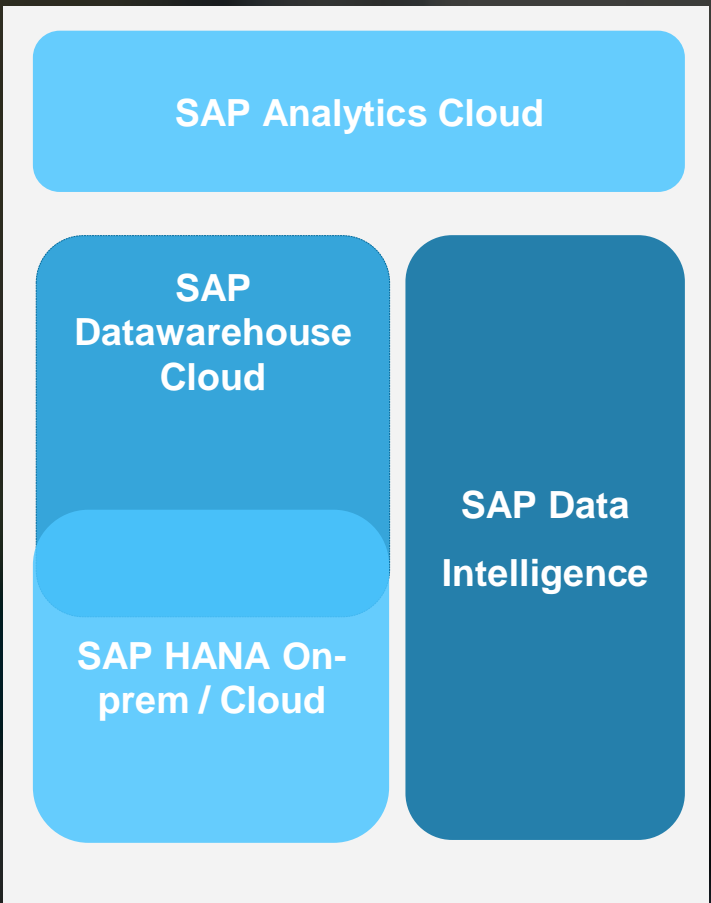
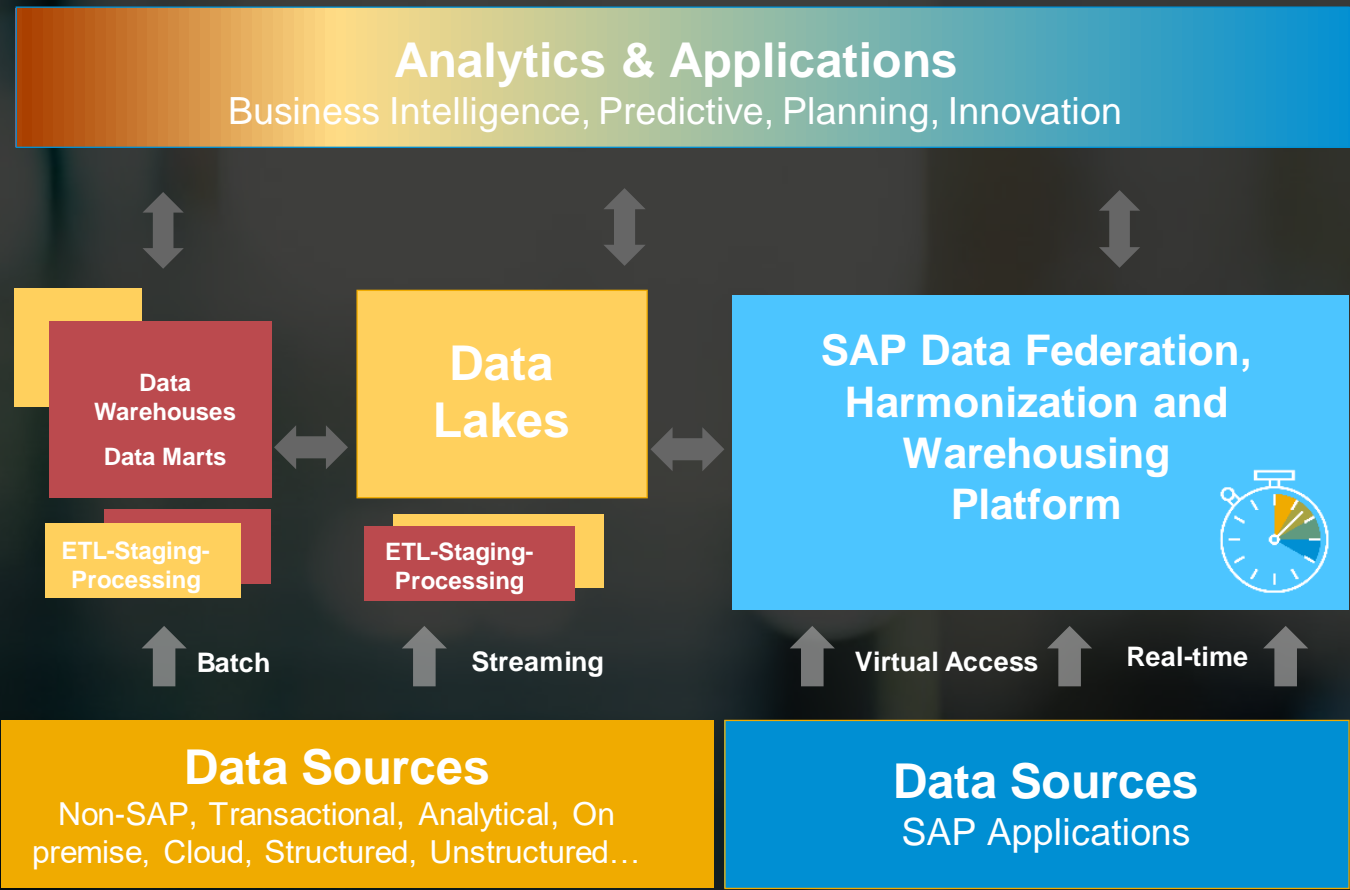
Solving Data Latency

More agility in your data and analytics landscape

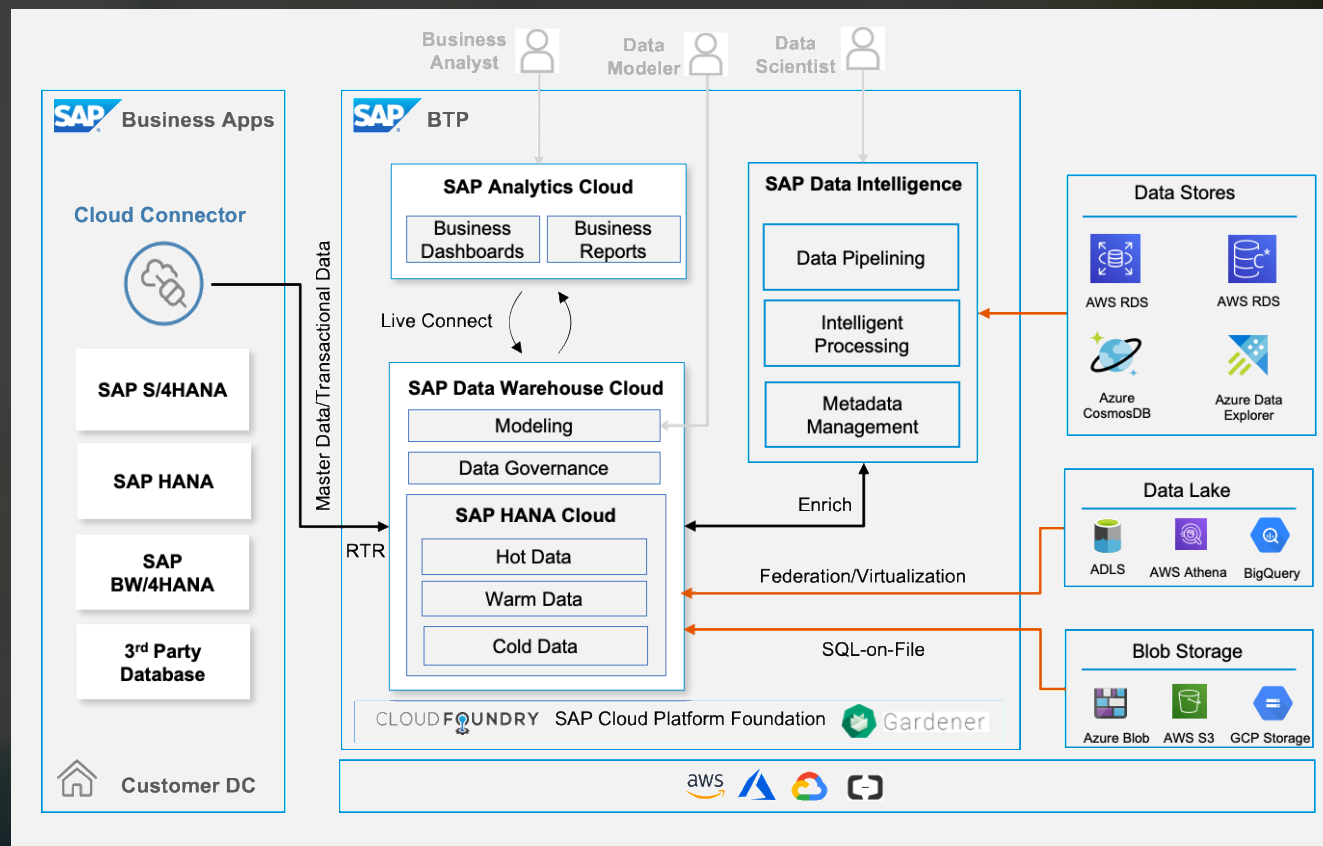


Solving Data Latency

More agility in your data and analytics landscape



SAP Business Technology Platform supports Hybrid extensions



Data Federation & Virtualization



Leverage out-of-the-box SAP data models, connections and integration structures



Real-time SAP data availability for analytics



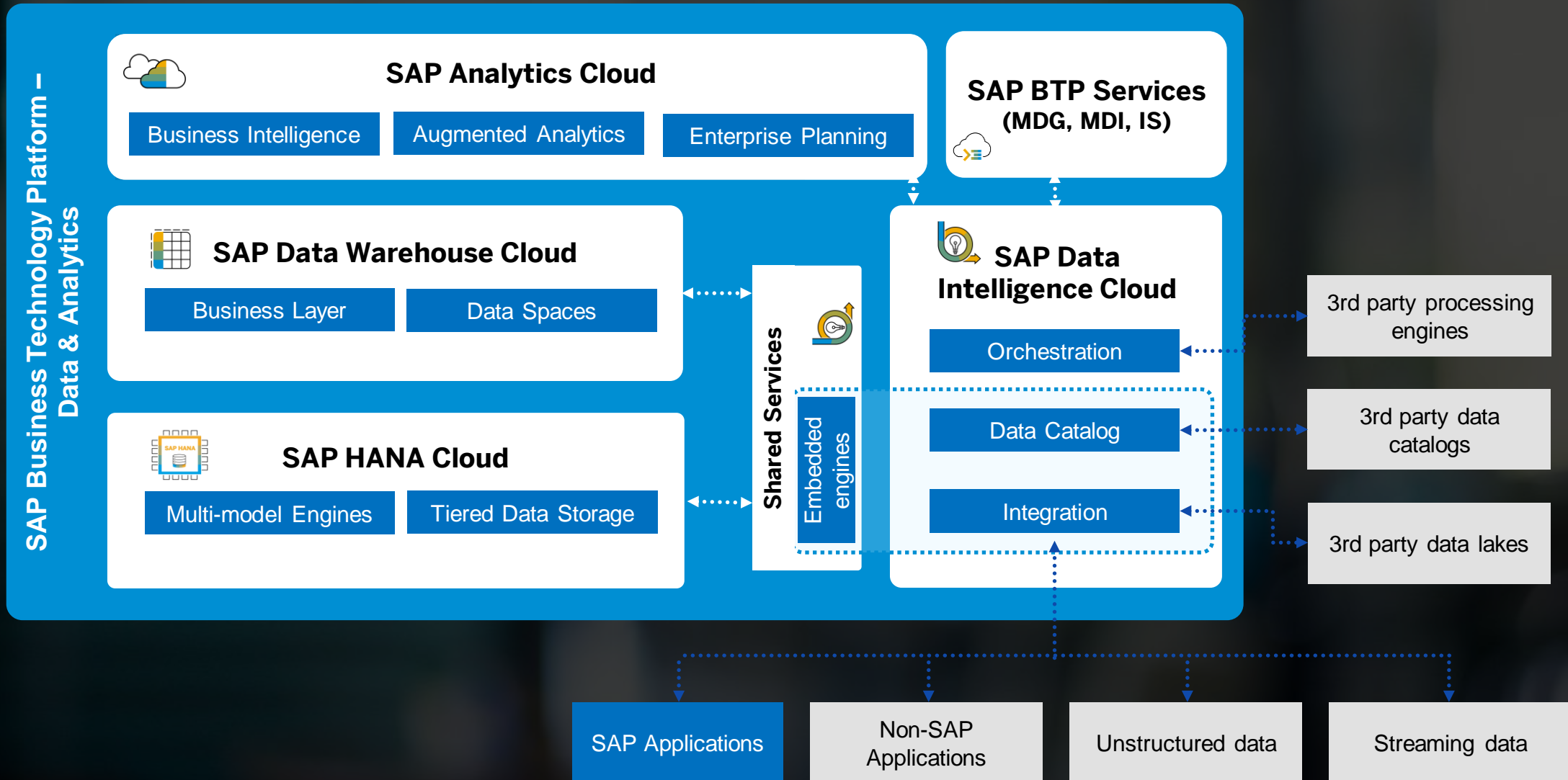
Leverage embedded security for Business Critical SAP Data



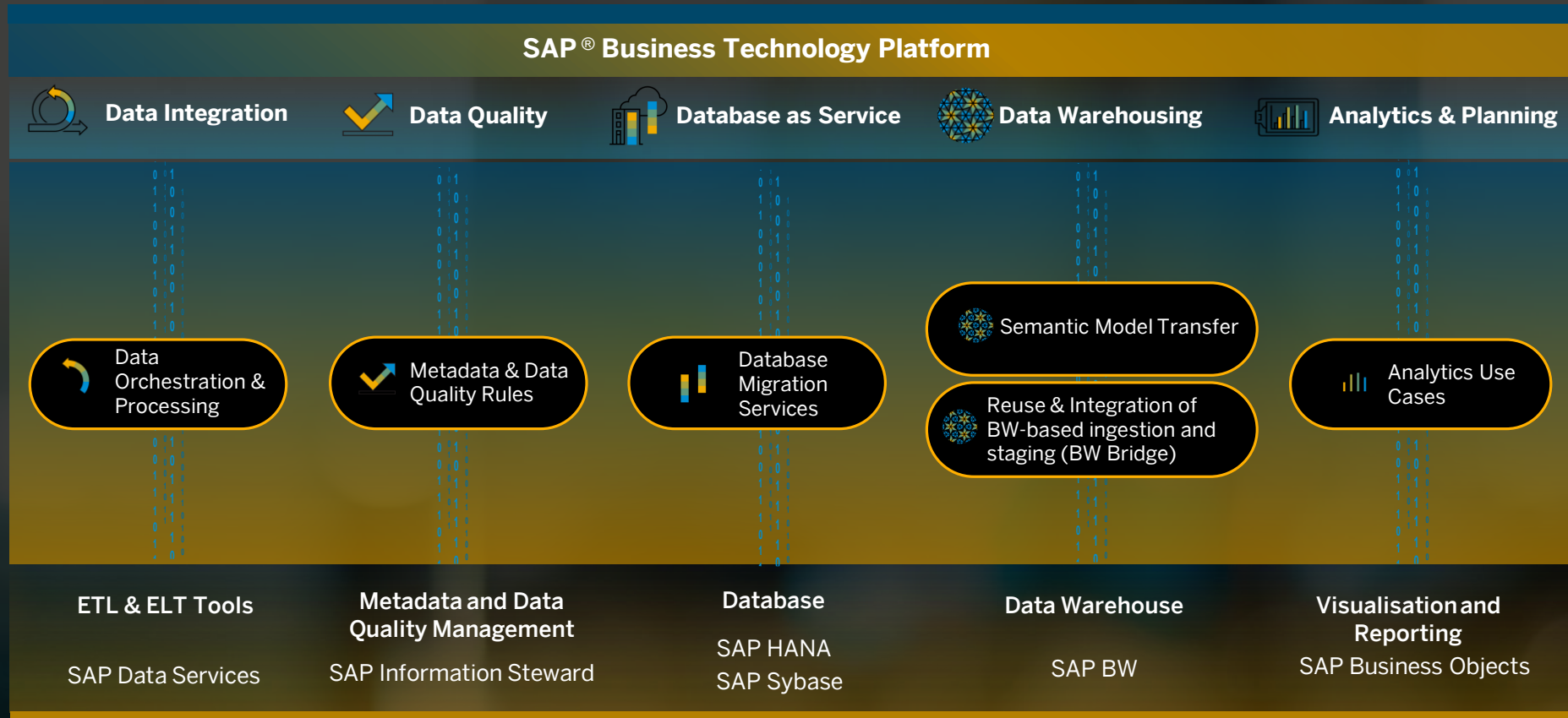
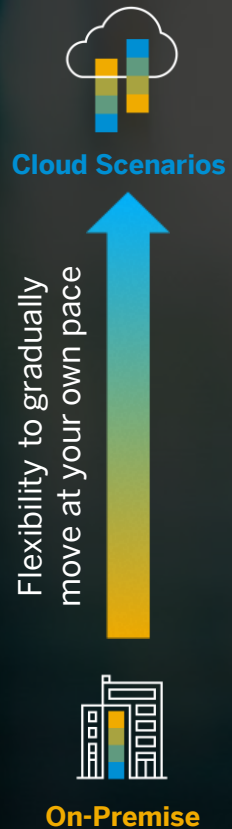
E2E Visibility of SAP business metadata

SAP BTP Unified Data & Analytics

Enabling an end-to-end data fabric to drive business outcomes



SAP Data Management: **Leverage On-Premise Investments**



SAP Data Warehousing

Statement of Direction

SAP continues to innovate Data Warehousing to enable the Intelligent Enterprise.

SAP BW & BW/4HANA

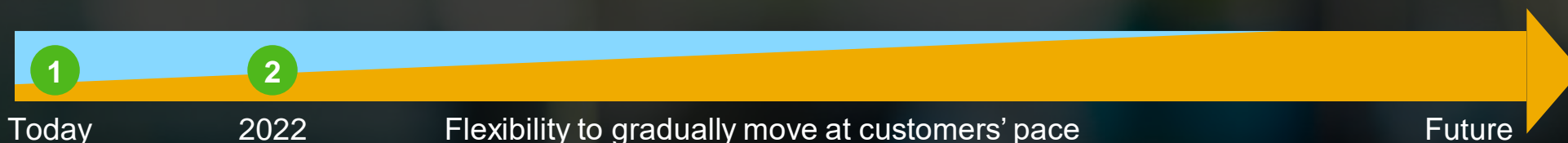
Safeguard investments by retaining mature and complex on-premises systems or moving them to the private cloud – in support of the “RISE with SAP” strategy.

With long-term support commitment until 2040, SAP BW/4HANA remains a key solution in SAP’s portfolio and will be improved in the hybrid capabilities.

SAP Data Warehouse Cloud

Innovate with SAP’s strategic target solution for all data warehousing use cases, in line with our data-to-value portfolio strategy.

SAP Data Warehouse Cloud provides unique innovation beyond classical data warehousing – driving agility, business empowerment and time-to-value.



1

Hybrid deployment option

Innovate with SAP Data Warehouse Cloud while extending SAP BW or BW/4HANA – re-using existing assets for new use cases

2

Re-use & integration option

Leverage the BW-based data ingestion & staging options with a tool-supported move (from Q1 2022)

Our strategic vision: **Unification of Capabilities**

DATA INTEGRATION



SAP LT Replication Server
On-prem

SAP HANA Smart Data Integration
On-prem

SAP Data Services
On-prem

DATA CATALOG



SAP Information Steward
On-prem

SAP HANA Agile Data Preparation
On-prem

SAP HANA Smart Data Quality
On-prem

DATA PROCESSING



SAP Data Intelligence

Cloud, on-prem and hybrid

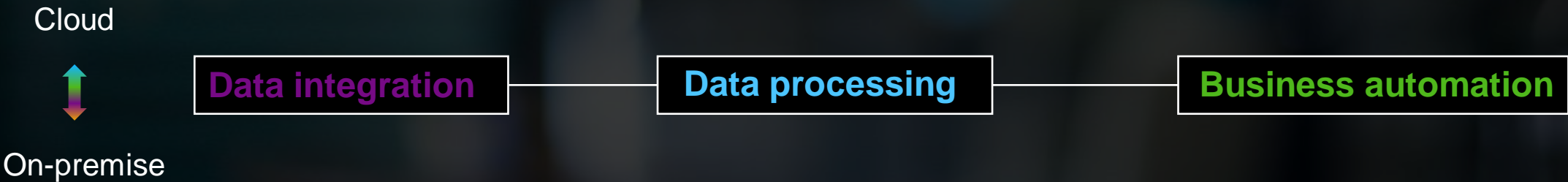
SAP Data Intelligence

ONE solution to overcome data challenges for Analytics, ML and RPA projects



End-to-end data orchestration

- | | | |
|---------------------|---------------------|-------------|
| ETL, ELT | Data catalogs | Workflows |
| Streaming analytics | Data quality | Scheduling |
| Event processing | Metadata management | Monitoring |
| Big Data | Machine learning | Reusability |



Our strategic vision: **Hybrid Data Management** **Transition to Cloud Data Management at your own pace**



End-to-end data fabric across
hybrid landscapes



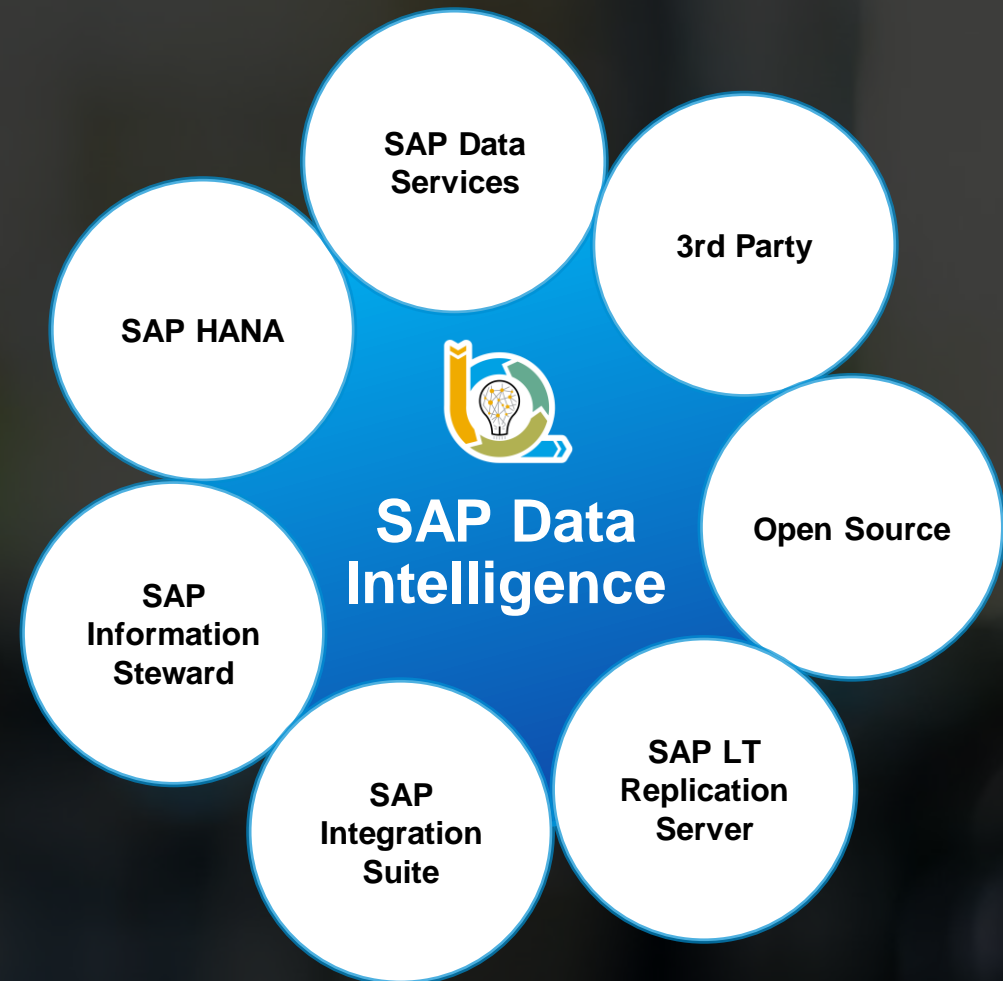
Safeguard past investments
by reusing existing assets



Modernize landscape
without disruption

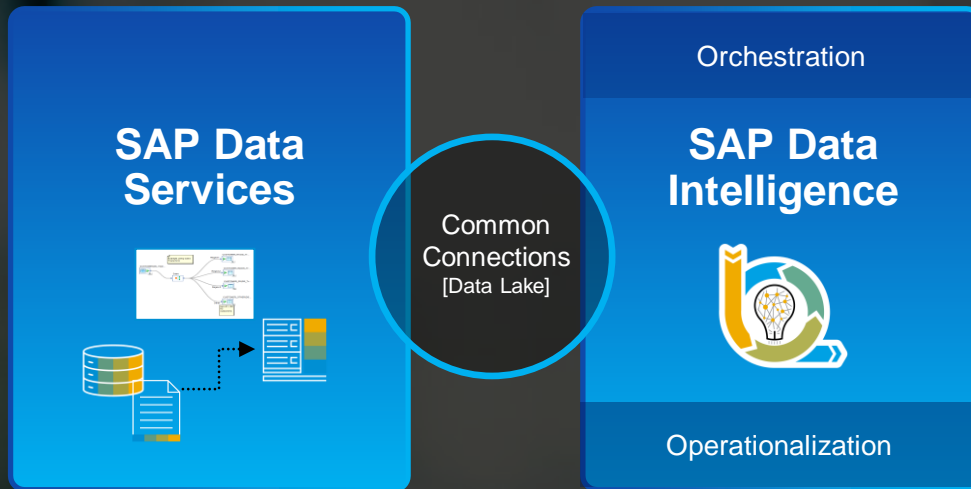


Cloud elasticity & agility

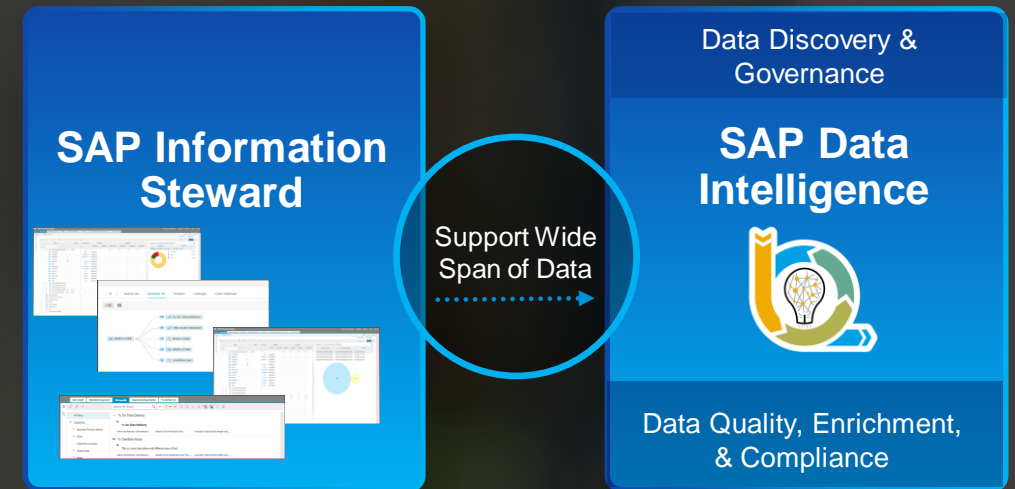


SAP Data Intelligence enabling Hybrid Data Management

Leverage existing SAP EIM tools



- Extend reach of Data Services assets across diverse system landscapes
- Orchestrate Data Services jobs within Data Intelligence pipelines (direct data exchange planned in DI 2107*)
- Enhance enterprise business processes with high value data and insights from external systems



- Reuse Information Steward rules within Data Intelligence
- Shared glossary of terms
- Metadata shared across applications, augmented by ML learning models, planned in roadmap*

Our strategic vision: Hybrid Enterprise Data Catalogs

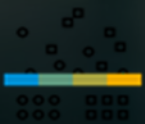
Federation and metadata exchange, to avoid rip and replace



In large enterprises a **single catalog** is not realistic



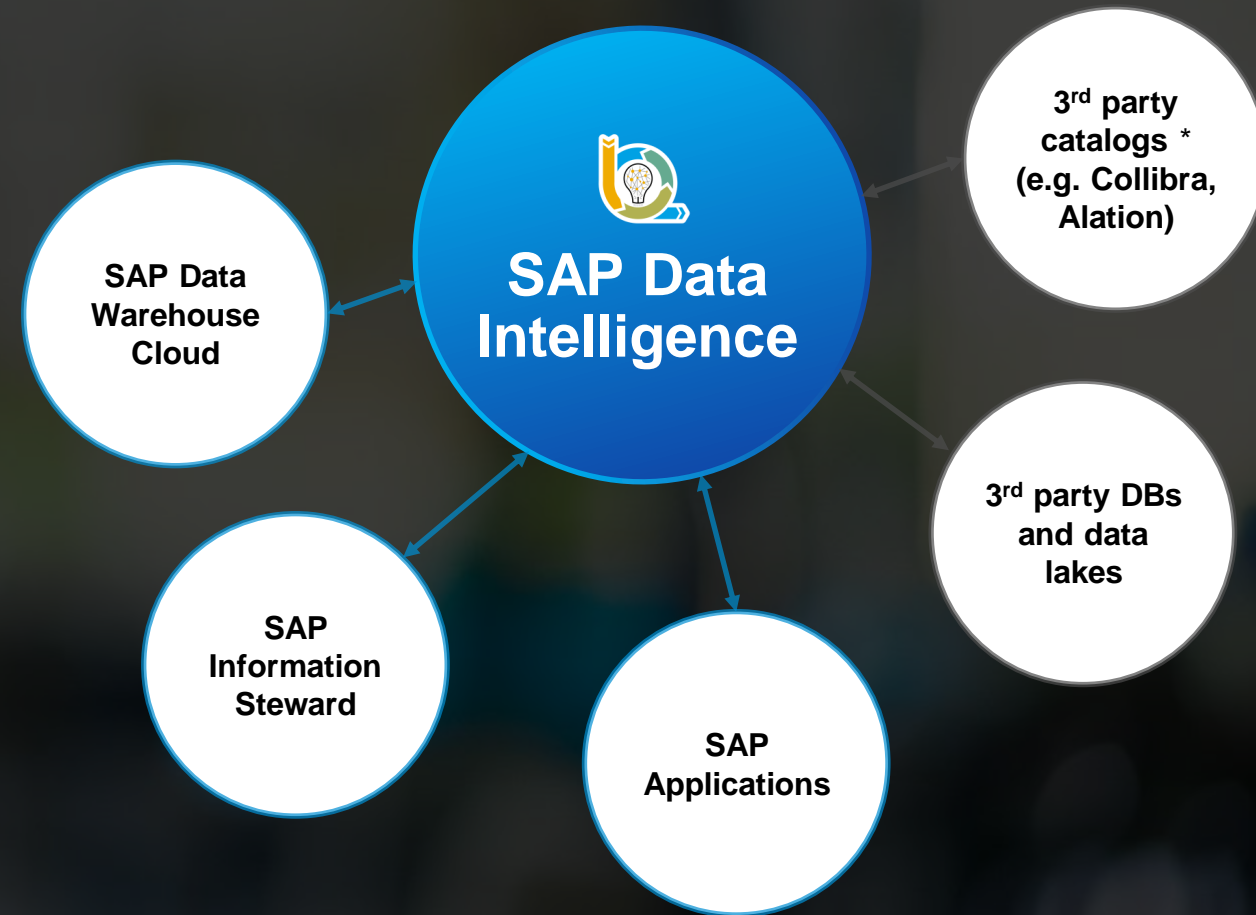
Metadata is spread among **multiple physical catalogs**



Data objects and business terms are managed in heterogeneous systems



Federation is key



*planned

Augmented Catalog with SAP Data Mapping and Protection by BigID

ML-driven data classification enabling privacy-aware data integration

Intelligent Business Processes



Prescriptive Analytics



SAP's intelligent data
orchestration and governance

SAP Data Intelligence



Data
Pipelining

Data
Orchestration

Data
Preparation

Hybrid &
Containerized

Model
Lifecycle

Data
Anonymization

Data Lineage

Data Profiling

Data Catalog

SAP Data Mapping and Protection
by BigID



Data
Classification

Duplicate/similar
data detection

PII & Entity
Correlation

SAP Tools

Data Services
Information Steward
BW
SLT
PowerDesigner

SAP Applications

ECC S/4 HANA
SAP Cloud Applications

Non-SAP Applications



Open
Connectors

Relational databases



Data lakes and Data
Warehouses



IoT streams



Kafka
MQTT
[...]

In Summary – Unified Analytics

Data & Analytics Cloud Services



SAP Analytics Cloud



Self-Service to analyze, plan, predict and visualize



SAP Data Warehouse Cloud



Self-service to connect, model and apply business context



SAP HANA Cloud



Federate, virtualize, store, perform, scale



SAP Data Intelligence Cloud



Integrate, orchestrate and govern

Why SAP's Unified Data and Analytics

Give data purpose with SAP's Unified Data and Analytics. You can **unite all your data, trust your insights**, and **champion** your cloud transformation.

SAP's Unified Data and Analytics

- Leverage **unified SAP data models and prebuilt business content** to free up resources and accelerate time-to-value.
- Cover **end-to-end value chain** for data management and analytics as well as take advantage of low-code and no-code development tools that support intuitive **user interfaces**.
- Help **IT and business professionals break down silos** and create a unified system for data and analytics. **Unite IT and business** to simplify data-driven decisions and execute business functions.
- Support **enterprise scaling, reduce risks** to run software in an enterprise context, and ensure compliance.
- Provide flexibility to pursue a **hybrid data strategy**, leverage your on-premise investments and migrate at your own pace.



Thank You.

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